NOVEMBER/DECEMBER 2025

23UFIM14 — INTRODUCTION TO INFORMATION TECHNOLOGY

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

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1. Define computer.
2. List any four characteristics of computers.
3. What is a pointing device? Give one example.
4. List any two types of ROM.
5. Differentiate primary and secondary storage.
6. Give two examples of system software.
7. Define the term Interpreter.
8. Abbreviate the term DOS and UNIX.
9. Write any two advantages of high-level languages.
10. List any two application software.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write and explain the evolution of computers.

Or

(b) Compare and contrast the various generations of computers.

12. (a) Explain the types of terminals with examples.

Or

(b) Compare impact and non-impact printers.

13. (a) Classify the different types of RAM.

Or

(b) Visualize the architecture of optical storage devices with examples.

14. (a) Differentiate machine language and assembly language.

Or

(b) Discuss the various types of application software with examples.

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15. (a) Write notes on multiprogramming and multiprocessing.

Or

(b) Analyze the functions of compilers and interpreters.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the components of computers with block diagram.

17. Discuss the role of input and output devices in a computer system.

18. Analyze the importance of secondary storage devices with suitable diagrams.

19. Evaluate the merits and demerits of high-level and low-level programming languages.

20. Discuss in the functions of an operating system.

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